



SZABO SCANDIC

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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

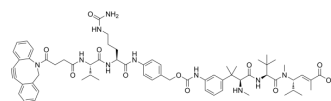
mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

SC239

Cat. No.:	HY-148194
CAS No.:	1977557-97-3
Molecular Formula:	C ₆₅ H ₈₄ N ₁₀ O ₁₁
Molecular Weight:	1181.42
Target:	Drug-Linker Conjugates for ADC
Pathway:	Antibody-drug Conjugate/ADC Related
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 75 mg/mL (63.48 mM; Need ultrasonic)

Solvent	Mass	Concentration		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	0.8464 mL	4.2322 mL	8.4644 mL
	5 mM	0.1693 mL	0.8464 mL	1.6929 mL
	10 mM	0.0846 mL	0.4232 mL	0.8464 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

SC239 is a cleavable 2-aminophenyl hemiassterlin agent-linker. SC239 can be as the agent-linker for ADC^[1]. SC239 is a click chemistry reagent, it contains a DBCO group that can undergo strain-promoted alkyne-azide cycloaddition (SPAAC) with molecules containing Azide groups.

In Vitro

SC239 is composed of a tubulin-targeting 3-aminophenyl hemiassterlin warhead, [SC209](#) (HY-144880), and a cleavable valine citrulline p-aminobenzyl carbamate linker functionalized with dibenzocyclooctyne (DBCO)^[1]. The SC239 drug-linker is conjugated via a cleavable valine citrulline p-aminobenzyl carbamate linker functionalized with dibenzocyclooctyne (DBCO)^[1]. SC239 conjugates exhibits better cytotoxic activity on Igrov1 cells which have lower expression levels of FolRα^[1]. MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Xiaofan Li, et al. Abstract 1782: Discovery and activity of STRO-002, a novel ADC targeting folate receptor alpha for ovarian and endometrial cancer. Cancer Res (2018) 78 (13_Supplement): 1782.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA